

¹ The lateral and vertical wheel forces shall be measured and processed through a low pass filter (LPF) with a minimum cut-off frequency of 25 Hz. The sample rate for wheel force data shall be at least 250 samples per second.

² Carbody accelerations in the vertical and lateral directions shall be measured by accelerometers oriented and located in accordance with § 299.337(c)(3).

³ Acceleration measurements shall be processed through an LPF with a minimum cut-off frequency of 10 Hz. The sample rate for acceleration data shall be at least 100 samples per second.

⁴ $RMS_t = RMS$ with linear trend removed.

⁵ Bogie lateral acceleration shall be measured by accelerometers mounted on the bogie frame at a longitudinal location as close as practicable to an axle's centerline, or if approved by FRA, at an alternate location.